Index of Claims

| Appli | cation | Control | No. |
|-------|--------|---------|-----|
|-------|--------|---------|-----|

10/531,865

Examiner

Janet Suglo

Applicant(s)/Patent under Reexamination

MAUCKSCH, THOMAS

Art Unit

2857

| <b>√</b> | Rejected |
|----------|----------|
| II       | Allowed  |

(Through numeral) Cancelled

Restricted

| N | Non-Elected  |
|---|--------------|
|   | Interference |

Appeal Α 0 Objected

|              |          |              |  |  |  |  |  |              |                |  |   |       |          |                 |   |             |              |                |  | _        |
|--------------|----------|--------------|--|--|--|--|--|--------------|----------------|--|---|-------|----------|-----------------|---|-------------|--------------|----------------|--|----------|
| Cla          | aim      |              |  |  | ]  | Date   | Э  |              |                |  |   | Cla   | im       | L               |   |             | (            | Date           | <br>e  | _        |
| Final        | Original | 1/3/08       |  |  |  |  |  |              |                |  |   | Final | Original |                 |   |             |              |                |  |          |
|              | 1        | 1            |  |  |  |  |  | Т            |                |  | ĺ |       | 51       | П               |   |             |              |                |  | T        |
|              | 2        | 1            |  |  |  |  |  |              |                |  |   |       | 52       | П               |   |             |              | Π.             | Г  | Γ        |
|              | 3        | 1            |  |  |  |  |  |              |                |  |   |       | 53       |                 |   |             |              |                |  | Γ        |
|              | 4        | 1            |  | Ŀ  |  |  |  |              |                |  |   |       | 54       |                 |   |             |              | 匚              |  |          |
| <u></u>      | 5        | 1            | <u>.</u>   |  |  |  | _  | Ŀ            |                |  |   |       | 55       | Ш               |   | L           | _            | L              | 匚  | L        |
| <u></u>      | 6        | 1            | 匚  | L_   | _  |  |  |              |                | _  |   |       | 56       |                 |   | L           |              |                | 匚  | L        |
| <u></u>      | 7        | 1            | _  |  | _  | _  | _  |              |                |  |   |       | 57       |                 |   |             | L.           | <u> </u>       | L  | L        |
|              | 8        | 1            | _  | _  | <u> </u>   |  |  |              |                | L  |   |       | 58       | Ш               |   | _           | <u> </u>     | <u> </u>       | _  | L        |
|              | 9        | 1            | <del> </del>                                     | <u> </u>   | _  | _  | ┡  |              | $\vdash$       |  |   |       | 59       | Н               |   | _           | <u> </u>     | <u> </u>       | _  | ┞        |
| <u> </u>     | 10       | 1            | ⊢  | -  | ⊢  | -  | -  | _            | -              |  | l |       | 60       | Н               |   | -           | _            | -              |  | ┝        |
|              | 12       | 1            |  | -  | -  | -  | $\vdash$   | $\vdash$     | -              |  | ł | -     | 61<br>62 | Н               |   | -           | <u> </u>     | _              | ├—   | ├        |
| -            | 13       | 1            | ┢  | ⊢  | $\vdash$   | -  | -  | -            |                | _  | 1 | -     | 63       | $\vdash\vdash$  |   | $\vdash$    | -            | ├─             | ⊢  | $\vdash$ |
|              | 14       | 1            |  | ├  | <del>                                     </del> |  | $\vdash$   | H            | -              |  | l |       | 64       | Н               |   | -           | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash$ |
| -            | 15       | 1            | $\vdash$   | <del>                                     </del> | $\vdash$   |  | $\vdash$   | $\vdash$     |                | -  | 1 |       | 65       | Н               |   | <u> </u>    | $\vdash$     | -              | <del> </del>                                     | H        |
|              | 16       | 1            | $\vdash$   | $\vdash$   | <del>                                     </del> |  | $\vdash$   | ├─           | $\vdash$       | H  |   |       | 66       | H               | _ | $\vdash$    | $\vdash$     | $\vdash$       | $\vdash$   | H        |
|              | 17       | 1            | <del>                                     </del> | -  | ┢  |  |  |              |                |  |   |       | 67       | Н               |   | $\vdash$    |              | _              | -  | H        |
|              | 18       | 1            |  |  |  |  |  | -            |                |  | i |       | 68       | П               |   |             | _            | <u> </u>       | _  | H        |
| ļ.           | 19       | 1            |  | $\vdash$   |  |  |  |              |                |  |   |       | 69       | П               |   | $\vdash$    |              |                | _  | r        |
|              | 20       | 1            | $\vdash$   |  | Г  |  | Г  | Г            | _              |  |   |       | 70       |                 |   |             |              |                | П  | Г        |
|              | 21       | 1            |  |  |  |  |  |              |                |  |   |       | 71       | П               |   |             |              |                |  | Γ        |
|              | 22       | 1            |  |  |  |  |  |              |                |  |   |       | 72       |                 |   |             |              |                |  |          |
|              | 23       | 1            |  |  |  |  |  |              |                |  |   |       | 73       |                 |   |             |              |                |  |          |
| <u> </u>     | 24       |              |  | _  | _  |  | _  |              |                |  |   |       | 74       | Ш               |   |             | _            |                | _  | L        |
| <u> </u>     | 25       | ļ            | <u> </u>   | <u> </u>   | <u> </u>   | _  | _  | ļ            | _              |  |   |       | 75       | Ш               |   | _           | <u> </u>     | _              | _  | Ļ        |
|              | 26       | ⊢            | _  | _  | <u> </u>   | _  | _  | <u> </u>     | _              |  |   |       | 76       | Н               |   | _           | <u> </u>     |                | <u> </u>   | L        |
| -            | 27<br>28 | -            | ├  | ├  | ┝  | _  | _  | _            | $\vdash$       | _  | l | _     | 77<br>78 | Н               |   | -           | ├            | ┝              | ├  | ⊦        |
| <b></b>      | 29       | -            | ├─   | -  | -  | _  | -  | -            | -              | -  |   |       | 79       | H               |   | -           | ├            | ┝              | $\vdash$   | ┝        |
| -            | 30       | -            | -  | -  | ┝  |  | -  | _            | $\vdash$       | _  |   |       | 80       | Н               |   | -           | ⊢            | ┢              | ┢  | ╁        |
|              | 31       | -            | -  | ┢  | -  | -  | _  | -            | -              |  |   |       | 81       | Н               |   | -           | $\vdash$     | ┢              | <del>                                     </del> | ┝        |
|              | 32       |              | $\vdash$   | $\vdash$   | $\vdash$   |  | $\vdash$   |              | $\vdash$       |  | l |       | 82       | H               | - | ┢           | $\vdash$     | H              | $\vdash$   | H        |
|              | 33       |              |  |  |  |  |  |              |                |  |   |       | 83       | Н               |   |             |              |                | $\vdash$   | T        |
|              | 34       |              |  |  |  |  |  |              |                |  | 1 |       | 84       |                 |   |             |              |                |  | Γ        |
|              | 35       |              |  |  |  |  |  |              |                |  |   |       | 85       |                 |   |             |              |                |  | Γ        |
|              | 36       |              |  |  |  |  |  |              |                |  |   |       | 86       |                 |   |             |              |                |  |          |
|              | 37       |              |  |  |  |  |  |              |                |  |   |       | 87       |                 |   |             |              |                |  |          |
| L            | 38       |              |  | L  | 匚  | _  | $\sqsubseteq$                                    | <u> </u>     |                |  | 1 |       | 88       | Ш               |   |             |              |                |  | Ĺ        |
|              | 39       | _            | _  | <u> </u>   | <u> </u>   | <u> </u>   | <u>L</u> .                                       |              | L_             |  |   |       | 89       | Ш               |   | L           | <u> </u>     | <u> </u>       | L  | L        |
| <u></u>      | 40       | _            | _  | ļ  | <b> </b>   | $\vdash$   | <u> </u>   | <u> </u>     | <u> </u>       | <u>.                                    </u> |   |       | 90       | $\sqcup$        |   | <u> </u>    | <u> </u>     | <u> </u>       | <u> </u>   | L        |
| <u> </u>     | 41       | -            | <del> </del>                                     | <del> </del>                                     | <del>  -</del>                                   |  | <u> </u>   | <u> </u>     | $\vdash$       | _  | 1 |       | 91       | $\vdash \vdash$ |   | $\vdash$    | -            | <b> </b>       | <u> </u>   | L        |
|              | 42       | -            | $\vdash$   | ├  | ⊢  | -  | -  | <del> </del> | $\vdash$       | _  | - |       | 92       | $\vdash$        | _ | $\vdash$    | $\vdash$     | ⊢              | <u> </u>   | ┝        |
| -            | 43<br>44 | -            | -  | -  | <del> </del> —                                   | $\vdash$   | <del> </del>                                     | $\vdash$     | -              | <u> </u>                                     |   |       | 93<br>94 | Н               |   | $\vdash$    | -            | <del> </del> — | -  | ├        |
| -            | 45       | -            | ⊢  | ⊢  | -  | -  | -  | ┝            | $\vdash$       | -  | 1 |       | 95       | Н               | _ | ┢           | $\vdash$     | <del> </del>   | -  | ╀        |
| <del> </del> | 46       | <del> </del> | ┢  | -  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | <del>  -</del> | -  | 1 |       | 96       | $\vdash$        | _ | $\vdash$    | $\vdash$     | $\vdash$       | $\vdash$   | ╁        |
|              | 47       | $\vdash$     | <del>                                     </del> | -  | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$       | -  | 1 |       | 97       | Н               |   | $\vdash$    | $\vdash$     | $\vdash$       | <del> </del>                                     | H        |
|              | 48       | $\vdash$     | $\vdash$   | -  | -  | $\vdash$   | <del>                                     </del> | $\vdash$     |                | -  | l |       | 98       | H               | _ | -           | $\vdash$     | $\vdash$       | $\vdash$   | H        |
|              | 49       |              | Г  | Г  | $\vdash$   | $\vdash$   | ┢  | Г            |                | _  | 1 |       | 99       | Н               | _ | -           | -            | $\vdash$       | 一  | H        |
|              | 50       |              | Г  |  | Г  | Г  |  | T            |                |  | 1 |       | 100      | П               |   | $\vdash$    | Г            |                | Г  | Γ        |
|              |          |              | _  |  | •  |  |  |              |                |  | , |       |          |                 |   | <del></del> | <del>'</del> | _              | _  | -        |

| Cla         | aim            |          |                                     |  |              | Date           | Э  |              |          |          |
|-------------|----------------|----------|-------------------------------------|--|--------------|----------------|--|--------------|----------|----------|
|             |                |          | Г                                   |  |              |                |  |              |          |          |
| =           | Original       |          |                                     |  |              |                |  |              |          |          |
| Final       | iĝ             |          |                                     |  | 1            |                |  |              |          |          |
| 1 11        | اةًا           |          |                                     |  |              |                |  |              |          |          |
| L           | _              |          |                                     |  | _            | <u> </u>       |  | L            |          |          |
|             | 51             |          | İ                                   | L  |              |                | l  |              |          |          |
|             | 52             |          |                                     |  |              | Ι.             |  |              |          |          |
|             | 53             |          |                                     |  |              |                |  |              | _        |          |
|             | 54             |          | _                                   | _  | _            | $\vdash$       | $\vdash$   |              |          | $\vdash$ |
| <del></del> | 53<br>54<br>55 | _        |                                     |  | ┢─           | ┢              | $\vdash$   | -            | -        | ┝        |
| -           | 56             | _        | -                                   | -  | ├-           | ⊢              | $\vdash$   | -            | _        | ┝        |
|             | 50             |          | <b></b>                             | -  | -            | <del> </del>   | $\vdash$   | <u> </u>     |          | _        |
| <u> </u>    | 57             |          |                                     | _  | <u> </u>     | <u> </u>       | $\vdash$   | _            | _        | _        |
|             | 58<br>59       |          | lacksquare                          | _  | <u> </u>     | L.             | L_   | _            |          | _        |
|             | 59             |          | _                                   | _  | L            | L              |  |              |          |          |
|             | 60             |          |                                     |  |              |                |  |              |          |          |
|             | 61<br>62       |          |                                     |  |              |                |  |              |          |          |
|             | 62             |          |                                     |  |              |                |  |              |          |          |
|             | 63             |          |                                     |  | T            | $\Box$         |  |              |          |          |
|             | 64             |          |                                     |  | $\vdash$     | $\vdash$       |  | <u> </u>     | $\vdash$ | $\vdash$ |
| $\vdash$    | 64<br>65       |          | $\vdash$                            | $\vdash$   | $\vdash$     | <del> </del>   | -  | -            | -        | $\vdash$ |
| $\vdash$    | 66             | $\vdash$ | $\vdash$                            | $\vdash$   | $\vdash$     | $\vdash$       | ├  | -            | Ь-       | $\vdash$ |
|             | 67             | _        | <del> </del>                        | _  | ┝            | <u> </u>       |  |              |          |          |
| ļ           | 67             | _        | <u> </u>                            | <u> </u>   | ┞—           | <del> </del> - |  | <u> </u>     |          | ļ        |
| <u></u>     | 68             |          | <u> </u>                            | _  |              | Ĺ              |  |              |          | L_       |
|             | 69             |          |                                     | 乚  | <u> </u>     | _              |  | _            |          |          |
|             | 70<br>71       |          | _                                   | <u> </u>   | <u> </u>     |                |  |              |          | _        |
| 1           | 71             |          |                                     |  |              |                |  |              |          |          |
|             | 72<br>73       |          |                                     |  |              |                |  |              |          |          |
|             | 73             | Г        |                                     |  |              |                |  |              | _        |          |
|             | 74             |          | 1                                   | _  |              | $\vdash$       |  | $\vdash$     | _        | $\vdash$ |
|             | 75             | H        | -                                   | -  | $\vdash$     | $\vdash$       | $\vdash$   | -            |          | ┢        |
|             | 75<br>76       | ┢        | $\vdash$                            | $\vdash$   | ┢            | ┝              | -  | ┝            |          | -        |
| <b>-</b>    | 77             | -        | $\vdash$                            | -  | ⊢            | ┢─             | -  | $\vdash$     | _        | ┝        |
| -           | 70             | _        | ⊢                                   | -  | ⊢            | ┝              | <u> </u>   | ┝            |          | ┝        |
| <b>-</b>    | 78<br>79       | _        | <u> </u>                            |  | ┡            | ┡              | _  | _            | _        | ├_       |
|             | 79             | L.       | _                                   |  | <u> </u>     | _              |  | _            | _        |          |
|             | 80             | L        | _                                   |  | _            | L              |  | _            | _        | L        |
| <u></u>     | 81             |          |                                     | L  |              | $\Box$         |  |              |          |          |
| <u></u>     | 81<br>82       |          |                                     |  |              |                |  |              |          |          |
|             | 83             |          |                                     |  | ·            |                |  |              |          |          |
|             | 84             |          |                                     |  |              |                |  |              |          | ľ        |
|             | 85             |          | Г                                   | Г  |              |                |  |              |          | T        |
|             | 86             | Т        | $\vdash$                            | $\vdash$   | $\vdash$     | T              |  | <u> </u>     |          | $\vdash$ |
|             | 87             |          |                                     | <del>                                     </del> |              | $\vdash$       | Н  | $\vdash$     | $\vdash$ | $\vdash$ |
| <del></del> | 88             | $\vdash$ | -                                   | $\vdash$   | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash$     | -        | $\vdash$ |
|             | 89             | ⊢        |                                     |  | $\vdash$     | ├              | -  | ⊢            |          | -        |
|             | 09             | _        |                                     |  | <u> </u>     | ├              | _  | _            |          | <u> </u> |
|             | 90             | _        |                                     | <u> </u>   | <u> </u>     | _              | _  |              |          | L        |
| <b></b>     | 91             | _        |                                     | ldash  | <u> </u>     | L_             | _  |              |          | L_       |
|             | 92             | <u></u>  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$                                     | _            | 匚              | $ldsymbol{ld}}}}}}$ | <u> </u>     |          | _        |
|             | 93             |          |                                     |  | L            |                | L  |              |          |          |
|             | 94             |          |                                     |  |              |                |  |              |          |          |
|             | 95             |          |                                     |  |              | T              |  |              |          |          |
|             | 96             |          |                                     |  |              |                | Г  | $\Box$       |          |          |
|             | 97             | $\vdash$ | $\vdash$                            | $\vdash$   | $\vdash$     | $\vdash$       | _  | $\vdash$     | П        | $\vdash$ |
|             | 98             | $\vdash$ | -                                   | -  | -            | $\vdash$       | Н  | $\vdash$     | $\vdash$ | _        |
| -           | 99             | Η-       | <del>  -</del>                      | <del>  -</del>                                   | -            | $\vdash$       | $\vdash$   | $\vdash$     | H        | $\vdash$ |
|             | 100            | <u> </u> | -                                   | -  | <del> </del> | $\vdash$       | $\vdash$   | <del> </del> |          | $\vdash$ |
| 1           | 1 100          |          | ı                                   | 1  | 1            |                | 1  |              |          |          |

| Cli         | aim   |          |  |            | [        | Date     | € .      |              |                |                 |
|-------------|---|----------|--|------------|----------|----------|----------|--------------|----------------|-----------------|
| Final       | Original                                      |          |  |            |          |          |          |              |                |                 |
|             | 101<br>102<br>103                             |          |  |            |          |          |          |              |                |                 |
|             | 102   |          |  | L          |          |          |          |              |                | Щ               |
|             | 103   |          | _  | _          |          |          |          |              | <u>_</u>       |                 |
|             | 104   |          | <u> </u>   | _          |          |          | L        |              | _              | Ш               |
| <u> </u>    | 104<br>105<br>106                             |          | <u> </u>   | <u> </u>   |          |          |          |              |                | Н               |
| <u> </u>    | 100   |          | ├  | H          | $\vdash$ |          |          | -            | ┝              | H               |
| -           | 107<br>108                                    |          |  | -          | -        | _        | _        | ┢            | ⊢              | Н               |
|             | 109   | -        |  |            |          |          |          | -            | -              | H               |
|             | 110   |          |  |            |          |          |          | -            |                | Н               |
|             | 110<br>111                                    |          |  |            |          |          |          |              |                | П               |
|             | 112   |          |  |            |          |          |          |              |                |                 |
|             | 113   |          |  |            |          |          |          |              |                |                 |
|             | 113<br>114<br>115                             |          | 匚  |            |          |          |          |              |                |                 |
|             | 115   |          | $ldsymbol{ld}}}}}}$ | _          | <u> </u> |          |          | _            | <u> </u>       | Ш               |
|             | 116<br>117                                    |          | _  | <u> </u>   | <u> </u> |          |          | <u> </u>     | _              | Ш               |
|             | 11/   | _        | _  | <b> </b> _ | _        |          |          | <u> </u>     | <u> </u>       | Ш               |
|             | 118<br>119                                    | _        | -  | -          | -        |          |          | _            | -              | Н               |
| <del></del> | 120   | <u> </u> | _  |            |          |          | <u> </u> | -            |                | Н               |
|             | 121   | -        |  | -          | -        | $\vdash$ | ⊢        | -            | ├-             | Н               |
|             | 122   | $\vdash$ | _  | ┢          | H        | $\vdash$ | -        | -            | -              | $\vdash$        |
|             | 123   | -        |  | -          |          | _        |          | _            | $\vdash$       | Н               |
|             | 124   |          |  |            |          | _        |          |              | _              |                 |
|             | 125   |          |  |            |          |          |          |              |                |                 |
|             | 120<br>121<br>122<br>123<br>124<br>125<br>126 |          |  |            |          |          |          |              |                |                 |
|             | 127<br>128<br>129<br>130<br>131<br>132<br>133 |          |  | <u> </u>   |          |          |          | <u> </u>     | _              | Ш               |
|             | 128   |          | _  | <u> </u>   | _        | _        | _        |              | <u> </u>       | Щ               |
|             | 129   |          | _  | -          | <u> </u> | _        | _        |              | ┡              | Н               |
| -           | 130   | _        | -  | -          |          | -        |          | -            | ⊢              | Н               |
|             | 132   | -        | ┝  | ┝          | H        | -        |          | -            |                | Н               |
|             | 133   |          | -  |            | H        |          |          | _            | ├─             | $\vdash$        |
| -           | 134   | _        | $\vdash$   | ├─         |          |          |          | $\vdash$     | -              | Н               |
|             | 135   |          |  |            | _        |          |          |              |                | П               |
|             | 136   |          |  |            |          |          |          |              |                |                 |
|             | 137   |          |  |            |          |          |          |              |                |                 |
|             | 138<br>139                                    |          | L  | L          | Ц        | Щ        |          | L            | <u> </u>       |                 |
| L           | 139   | _        | L  | L          | L        |          |          | L            | <u> </u>       | Ш               |
| <u> </u>    | 140   |          | $\vdash$   | <u> </u>   | L        | <u> </u> |          | $\vdash$     | <del> </del>   | $\vdash \vdash$ |
|             | 141   | <u> </u> |  | ــــا      | $\vdash$ |          |          | <u> </u>     | <del>  -</del> | $\vdash \vdash$ |
|             | 142<br>143                                    |          | $\vdash$   | ├-         | $\vdash$ |          | -        | <u> </u>     | ⊢-             | $\vdash\vdash$  |
|             | 144   | _        | $\vdash$   | -          | $\vdash$ | -        | -        | <del> </del> | -              | $\vdash \vdash$ |
|             | 145   | -        | <del> </del>   | -          |          |          | -        | $\vdash$     |                | Н               |
|             | 146   | -        | ⊢  | Η-         |          | -        | -        | $\vdash$     | $\vdash$       | $\vdash \dashv$ |
|             | 147   | -        | $\vdash$   | ┰          |          | -        | -        |              |                | H               |
|             | 148   |          | П  |            |          | _        |          | Т            | $\vdash$       | Н               |
|             | 149   |          |  |            |          |          |          |              |                |                 |
|             | 150   |          |  |            |          |          |          |              |                |                 |
|             |   |          |  |            |          |          |          |              |                |                 |